

Microsoft.VisualStudio.Web.CodeGeneration.Design

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Microsoft.VisualStudio.Web.CodeGeneration.Design

Kind: Service

Source: Pams/Web/Pams.WebApp/Pams.WebApp.csproj (line 1)

Part of: [Pams](#)

NuGet package dependency

`Microsoft.VisualStudio.Web.CodeGeneration.Design` is a NuGet package dependency for ASP.NET Core code generation and scaffolding workflows. The project references it during development so tooling can generate application files such as controllers, views, and data-access code.

Diagram

```
sequenceDiagram
    participant Developer
    participant Project as Pams.WebApp.csproj
    participant Dotnet as dotnet aspnet-codegenerator
    participant Package as Microsoft.VisualStudio.Web.CodeGeneration.Design
    participant App as Generated Application Files

    Developer->>Project: Run scaffolding command
    Project->>Dotnet: Load project dependencies
    Dotnet->>Package: Load code generation design services
    Package->>App: Generate requested source files
    App-->>Developer: Write generated files to project
```

Usage

```
import { spawnSync } from "node:child_process";

const result = spawnSync(
  "dotnet",
  [
    "aspnet-codegenerator",
    "controller",
    "-name",
```

```

        "OrdersController",
        "-m",
        "Order",
        "-dc",
        "ApplicationDbContext",
        "--relativeFolderPath",
        "Controllers",
    ],
    {
        cwd: "Pams/Web/Pams.WebApp",
        stdio: "inherit",
    },
);

if (result.status !== 0) {
    throw new Error("ASP.NET Core scaffolding command failed.");
}

```

AI Coding Instructions

- Keep `Microsoft.VisualStudio.Web.CodeGeneration.Design` as a project dependency when ASP.NET Core scaffolding commands are part of the development workflow.
- Run code generation from the directory containing `Pams.WebApp.csproj` so the generator resolves the correct project and dependencies.
- Review generated controllers, models, and views before committing them; scaffolding output may need project-specific authorization, validation, and routing changes.
- Do not reference this package from browser TypeScript code; it runs through .NET development tooling rather than application runtime code.

Used by

1 reference from 1 file. Each is a place in this repository where the symbol is actually used — go read one rather than trusting an example.

Injected or called by (1)

- `Pams.WebApp` — `Pams/Web/Pams.WebApp/Pams.WebApp.csproj` :1